

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

3/20/14
Aviation

SUBJECT:

Authorize award and execution of a contract through the Houston-Galveston Area Council Cooperative (HGAC) with RUSH TRUCK CENTERS OF TEXAS, LP for the purchase of a heavy-duty truck chassis for the Aviation Department in an amount not to exceed \$72,705. Related to Item 31280.

Funding is available in the Fiscal Year 2013-2014 Capital Budget of the Aviation Department.

CURRENT YEAR IMPACT:

| Department: | Aviation |
|------------------------|--|
| Project Name: | Mechanic Shop Division FY 2014 |
| Fund/Department/Unit: | 4910-8107-4056 Department of Aviation |
| Funding Source: | Airport Capital Fund |
| Current Appropriation: | 873,876.00 |
| Unencumbered Balance: | 541,181.11 |
| Amount of This Action: | <u>(72,705.00)</u> |
| Remaining Balance: | <u>468,476.11</u> |

ANALYSIS / ADDITIONAL INFORMATION:

This contract is for the purchase of one replacement Peterbilt truck chassis for use with a mounted EZ-Liner airport paint striping body (separate purchase), at the Austin-Bergstrom International Airport. This purchase is used to paint the runways and taxiways at the airport to ensure the markings meet the Federal Aviation Administration guidelines. The City currently has one light duty vehicle with an attached runway painting unit in the Aviation Department fleet.

Fleet Services and the Office of Sustainability have worked together to develop a vehicle purchasing process to progress towards our citywide objective of obtaining carbon neutrality by 2020. The purchasing criteria incorporate criteria pollutant and greenhouse gas emissions impact, available technologies on the market, physical demands on the vehicle, service application, and life-cycle cost. These criteria are applied to all vehicle purchase requests submitted to Fleet.

This truck is powered with an engine capable of operating on B20 biodiesel (20% biodiesel blended with 80% petro-diesel). The B20 biodiesel that the City of Austin currently purchases is TXLED compliant, ultra-low sulfur diesel, with the TCEQ approved KERN additive. A new technology vehicle operating on B20 produces at least 10% less particulate matter, at least 10% less carbon monoxide, and at least 10% less unburned hydrocarbons from running on petro-diesel, while also reducing life cycle greenhouse gas emission by at least 15%.

This replacement vehicle has met the Fleet Officer's eligibility criteria for replacement. The Fleet Service Center Managers have inspected each vehicle to be replaced, and determined that the mileage or hours of use of each vehicle proposed for replacement cannot be increased without risking a significant increase in repair costs and loss of productivity due to down time.